

**From:** [R6HarveyRICT](#)  
**To:** [R6HarveyInfo](#)  
**Subject:** FW: Urgent Re: M6H1 Harvey Response/RE: Request for help -- air sampling in Manchester  
**Date:** Thursday, September 7, 2017 12:23:29 PM

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**From:** Carroll, Craig  
**Sent:** Thursday, September 7, 2017 12:23:28 PM (UTC-06:00) Central Time (US & Canada)  
**To:** Smalley, Bryant  
**Cc:** Rauscher, Jon; Smith, Monica; R6HarveyRICT  
**Subject:** Fwd: Urgent Re: M6H1 Harvey Response/RE: Request for help -- air sampling in Manchester

FYSA

Sent from my iPhone

Begin forwarded message:

**From:** "Blanco, Arturo" <[Blanco.Arturo@epa.gov](mailto:Blanco.Arturo@epa.gov)>  
**Date:** September 6, 2017 at 5:01:12 AM CDT  
**To:** "Carroll, Craig" <[Carroll.Craig@epa.gov](mailto:Carroll.Craig@epa.gov)>, "Smith, Monica" <[smith.monica@epa.gov](mailto:smith.monica@epa.gov)>, "Peterson, Mary" <[Peterson.Mary@epa.gov](mailto:Peterson.Mary@epa.gov)>, "Edlund, Carl" <[Edlund.Carl@epa.gov](mailto:Edlund.Carl@epa.gov)>, "Gray, David" <[gray.david@epa.gov](mailto:gray.david@epa.gov)>, "Coleman, Sam" <[Coleman.Sam@epa.gov](mailto:Coleman.Sam@epa.gov)>, "Smalley, Bryant" <[smalley.bryant@epa.gov](mailto:smalley.bryant@epa.gov)>, "Foster, Althea" <[Foster.Althea@epa.gov](mailto:Foster.Althea@epa.gov)>  
**Cc:** "Vaughn, Gloria" <[Vaughn.Gloria@epa.gov](mailto:Vaughn.Gloria@epa.gov)>, "Gee, Randy" <[Gee.Randy@epa.gov](mailto:Gee.Randy@epa.gov)>  
**Subject:** Fwd: Urgent Re: M6H1 Harvey Response/RE: Request for help -- air sampling in Manchester

City of Houston is sharing canister results, asking for EPA results and letting us know they are sending the MAAML.

Sent from my iPhone

Begin forwarded message:

**From:** "Raun, Loren - HHD" <[Loren.Raun@houston.tx.gov](mailto:Loren.Raun@houston.tx.gov)>  
**Date:** September 6, 2017 at 3:57:04 AM CDT  
**To:** "Gee, Randy" <[Gee.Randy@epa.gov](mailto:Gee.Randy@epa.gov)>  
**Cc:** "Blanco, Arturo" <[Blanco.Arturo@epa.gov](mailto:Blanco.Arturo@epa.gov)>, "Hoyt, Daniel" <[Hoyt.Daniel@epa.gov](mailto:Hoyt.Daniel@epa.gov)>, "Key, Patrick - HHD" <[Patrick.Key@houston.tx.gov](mailto:Patrick.Key@houston.tx.gov)>, "James, Daisy - HHD" <[Daisy.James@houston.tx.gov](mailto:Daisy.James@houston.tx.gov)>, "Persse, David - HFD" <[David.Persse@houston.tx.gov](mailto:David.Persse@houston.tx.gov)>, "Enders, Jhana" <[Enders.Jhana@epa.gov](mailto:Enders.Jhana@epa.gov)>, "Richner, Donald - HHD" <[Donald.Richner@houston.tx.gov](mailto:Donald.Richner@houston.tx.gov)>, Katie Moore <[klmoore@edf.org](mailto:klmoore@edf.org)>, "Richner, Donald - HHD"

<[Donald.Richner@houstontx.gov](mailto:Donald.Richner@houstontx.gov)>

**Subject: Re: Urgent Re: M6H1 Harvey Response/RE: Request for help --need for surface water sampling near Superfund Sites and Industrial/Hazardous Waste Sites**

We would like to hear what kind of results EPA found today in Manchester. We plan to have our mobile lab out there tomorrow. The Ca/EDF team will move to the west side of Houston.

Our two canister results from Monday and Saturday are below.

Canister 1106 benzene level is 334.4 ppb collected on 9-4-17 b/w 6:28 pm to 6:28 pm

Canister 0394 benzene level is 137.6 ppb collected on 9-2-17 b/w 4:27 pm to 4:27 pm

thanks, Loren

Loren Raun, PhD  
Chief Environmental Science Officer  
Interim Bureau Chief Community and Children's Environmental Health  
Houston Health Department

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**From:** Raun, Loren - HHD

**Sent:** Monday, September 4, 2017 6:23 PM

**To:** Gee, Randy

**Cc:** Blanco, Arturo; Hoyt, Daniel; Key, Patrick - HHD; James, Daisy - HHD; Persse, David - HFD; Enders, Jhana; Richner, Donald - HHD; Katie Moore; Richner, Donald - HHD

**Subject:** Re: Urgent Re: M6H1 Harvey Response/RE: Request for help -- need for surface water sampling near Superfund Sites and Industrial/Hazardous Waste Sites

Thank you. We are still concerned. We are getting reports from the field.

California Team used HHD ppb rae to find plume. In the plume they got 590 ug/m3 benzene at 5 pm in the neighborhood on the corner of avenue I and 96th. This was 3 minute reading. We will need to have an hour average. They are going to try to calculate an hourly average based on their other reading. The 1 hour ESL was 170 ug/m3.

At 3:27 to 4:27, HHD MAAML found benzene at 5.23 ppb and lots of other compounds. Other compounds aren't high enough to trigger ESLs but higher than we usually see.

We, (EPA, Cal team and MAAML staf)f are having a call to coordinate sampling at 9 am tomorrow.

thanks, Loren

Loren Raun, PhD  
Chief Environmental Science Officer  
Interim Bureau Chief Community and Children's Environmental Health  
Houston Health Department

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**From:** Gee, Randy <[Gee.Randy@epa.gov](mailto:Gee.Randy@epa.gov)>

**Sent:** Monday, September 4, 2017 5:36 PM

**To:** Raun, Loren - HHD

**Cc:** Blanco, Arturo; Hoyt, Daniel; Key, Patrick - HHD; James, Daisy - HHD; Persse, David - HFD; Enders, Jhana

**Subject:** Re: Urgent Re: M6H1 Harvey Response/RE: Request for help -- need for surface water sampling near Superfund Sites and Industrial/Hazardous Waste Sites

Loren

Jhansi Enders from our response team should be contacting you

soon.

Randy

Sent from my iPhone

On Sep 4, 2017, at 12:21 PM, Raun, Loren - HHD  
<[Loren.Raun@houston.tx.gov](mailto:Loren.Raun@houston.tx.gov)> wrote:

Randy, I did not hear back from enforcement. When we talked the other day you indicated you would ask them to call me.

We are finding alarming levels of benzene in the neighborhood next to Valero. We just saw 53 ppb benzene in ambient air and equivalently high toluene and suspect based on our PID measurements the last few days that this has been prolonged.

Should EPA evacuate the residents? They are outside working on their damaged houses. Please advise. or Shelter in place.

Loren Raun, PhD  
Chief Environmental Science Officer  
Interim Bureau Chief Community and Children's  
Environmental Health  
Houston Health Department

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**From:** Gee, Randy <[Gee.Randy@epa.gov](mailto:Gee.Randy@epa.gov)>

**Sent:** Friday, September 1, 2017 12:38 PM

**To:** Raun, Loren - HHD; Blanco, Arturo

**Cc:** Hoyt, Daniel; Key, Patrick - HHD; James, Daisy - HHD

**Subject:** M6H1 Harvey Response/RE: Request for help -- need for surface water sampling near Superfund Sites and Industrial/Hazardous Waste Sites

Loren- will do. I have sent the request to the REOC.

Randy Gee

EPA Region 6 Office of Environmental Justice, Tribal and  
International Affairs

Office Phone: 214-665-8355

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**From:** Raun, Loren - HHD

[<mailto:Loren.Raun@houstontx.gov>]

**Sent:** Friday, September 01, 2017 11:47 AM

**To:** Blanco, Arturo <[Blanco.Arturo@epa.gov](mailto:Blanco.Arturo@epa.gov)>

**Cc:** Hoyt, Daniel <[Hoyt.Daniel@epa.gov](mailto:Hoyt.Daniel@epa.gov)>; Key, Patrick - HHD

<[Patrick.Key@houstontx.gov](mailto:Patrick.Key@houstontx.gov)>; Daisy James

<[Daisy.James@houstontx.gov](mailto:Daisy.James@houstontx.gov)>; Gee, Randy

<[Gee.Randy@epa.gov](mailto:Gee.Randy@epa.gov)>

**Subject:** Re: Request for help --need for surface water  
sampling near Superfund Sites and Industrial/Hazardous  
Waste Sites

Dear Randy, Please let me know. My cell number is 713-  
417-1896.

Loren Raun, PhD

Chief Environmental Science Officer

Interim Bureau Chief Community and Children's

Environmental Health

Houston Health Department

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**From:** Blanco, Arturo <[Blanco.Arturo@epa.gov](mailto:Blanco.Arturo@epa.gov)>

**Sent:** Friday, September 1, 2017 11:43 AM

**To:** Raun, Loren - HHD

**Cc:** Hoyt, Daniel; Key, Patrick - HHD; James, Daisy - HHD;

Gee, Randy

**Subject:** Re: Request for help --need for surface water  
sampling near Superfund Sites and Industrial/Hazardous  
Waste Sites

Loren,

Randy Gee is forwarding your request to our Regional Emergency Operations Center for processing.

Sent from my iPhone

On Sep 1, 2017, at 11:33 AM, Raun, Loren - HHD  
<[Loren.Raun@houstontx.gov](mailto:Loren.Raun@houstontx.gov)> wrote:

Hi Arturo/Dan, We read in the news the EPA is sampling surface water adjacent to Corpus Christi Superfund Sites. We really need that here. Can you please pass on that message and also let me know who is the contact for that?

thanks, Loren

Loren Raun, PhD  
Chief Environmental Science Officer  
Interim Bureau Chief Community and  
Children's Environmental Health  
Houston Health Department